

Name _____ Pd _____

Reading Guide 6: Chapter 9 (Microbial Food Webs)

Directions: Complete the questions below after reading Chapter 9 of the “[Our Ocean Planet: Oceanography in the 21st Century](#)” textbook.

Chapter 9: Microbial Food Webs

1. Define the following terms:

Autotroph –

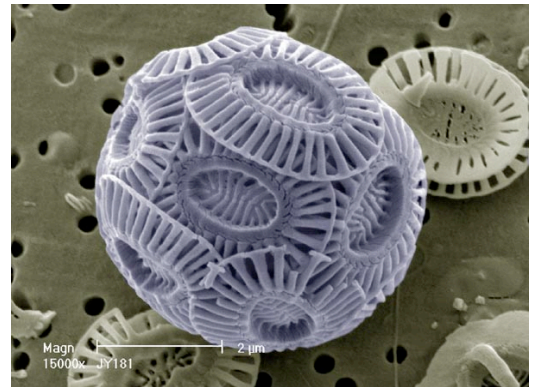
Phototroph –

Chemotroph –

Mixotroph –

Heterotroph –

Bacteriovores –



2. Why is the ocean’s food web considered to be dependent on microbes?

3. Describe two methods scientists use to determine how microbes influence the oceanic food web.

4. If viruses are so small, how can they make up so much of the ocean's biomass?

5. List the name and a characteristic of each of the 4 types of bacteria described in the textbook.

a)

b)

c)

d)

